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USSR PRODUCTION OF COTTON MACHINES, OTHER AGRICULTURAL MACHINES

MACHINE DEVELOPED FOR TRIMMING COTTON PLANTS -- Moscow, Sel'khoz mashina, Oct 53

Since 1949, the GSKE (State Special-Design Bureau) for Cotton has been developing a machine for trimming cotton plants. In 1952, after experimenting with a one-row cotton-trimming machine, the FKk-2.8 four-row cotton-trimming machine was developed.

The machine is equipped with cutting tools for trimming the top and sides of plants and requires a tractor driver and a trimming-machine operator for operation.

In 1953, two FKk-2.8 machines were submitted for state testing.

Following are specifications of the FKk-2.8:

Between-row distance	700-600 mm
Number of rows that can be trimmed simultaneously	4
Area covered in one hour	1.12 hectares
Regulating range of side knives	400-500 mm
Regulating range of upper knife	700-1,000 mm
Working speed, in tractor's 1st gear	3.86 km/hr
Working speed, in tractor's 2d gear	5.44 km/hr
Road speed	8.05 km/hr

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Horsepower required	17.5 hp
Weight	760 kg
Length	4,270 mm
Width	2,775 mm
Height	1,970 mm
Weight on front wheel	490 kg
Weight on rear left wheel	1,125 kg
Weight on rear right wheel	1,225 kg
Clearance	300 mm

EXPERIMENTAL COTTON MACHINES BUILT -- Tashkent, Pravda Vostoka, 11 Oct 53

The SG-4 checkrow cotton planter was designed by the GSKB (State Special-Design Bureau) for Cotton. In April 1953, the Tashkent Uzbeksel'mash Agricultural-Machine-Building Plant built ten experimental models of the SG-4. After the SG-4 has been tested and the necessary improvements made, the plant will organize its series production.

PLANT SUPPLIES MISCELLANEOUS EQUIPMENT -- Ashkhabad, Turkmenskaya Iskra, 13 Oct 53

The Ashkhabad Machinery Plant imeni 20-letiya Turkmen SSR recently shipped reducing gears for cotton cleaners to cotton-cleaning plants of the Uzbek SSR, 10 heavy oil engines to Novosibirsk, and 450 canopies for Universal tractors and 24 hygrometers to MTS of the Turkmen SSR.

The plant is preparing to ship 100 pulleys for Universal tractors to MTS of the Ukrainian SSR and Orlovskaya and Penzenskaya oblasts.

During the first 8 months of 1953, the plant has produced 700,000 rubles' worth of agricultural equipment over the 1952 figures for the corresponding period; at the same time, the plant has decreased production costs by 4.9 percent.

UNITS AND SPARE PARTS FOR COTTON MACHINES -- Tashkent, Pravda Vostoka, 21 Oct 53

The Tashkent Machinery Repair Plant, Ministry of Construction Materials Industry Uzbek SSR, has been assigned the task of producing units and spare parts for cotton machines. The plant has received an order, to be fulfilled in October 1953, for 350 blowers for cotton dryers and 100 tube and funnel units.

PRODUCE COTTON DRYERS -- Tashkent, Pravda Vostoka, 3 Nov 53

Machine builders of the Uzbek SSR were assigned the production of 750 cotton dryers [in 1953?]. The Uzbek SSR plants produce all the parts for cotton dryers. On 20 October 1953, the Tashkent Milling and Elevator Machinery Plant fulfilled its order for parts needed in the production of cotton dryers. Tashkent and Chirchik plants have already delivered 500 cotton dryers to cotton-growing kolkhozes of the Uzbek SSR.

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IMPROVED COTTON PICKER PRODUCED -- Stalinabad, Kommunist Tadzhikistana, 25 Oct 53

On 23 October 1953, the Tashkent Tashsel'mash Agricultural-Machine-Building Plant imeni Voroshilov put out its first improved model of the SKM-48 cotton picker. The new model is equipped with spindles which are wider in diameter than those on the older model. Improved spindles make it possible to pick cotton which has been dampened by dew or rain. The improvement is the sixth major improvement made on the cotton picker since the beginning of 1953. The weight of the machine has remained the same as before.

MONORAIL CONVEYERS FOR KOLKHOZES -- Moscow, Komsomol'skaya Pravda, 23 Oct 53

The Khar'kov Traktorozapchast' Plant recently shipped above-plan monorail conveyers to kolkhoz animal-husbandry farms.

MAKE TEA-PICKING MACHINES -- Moscow, Sel'khoz mashina, Oct 53

The ChU-1-1000 tea-picking machine is the first practical machine for selecting and picking tea leaves. The ChU-1-1000 was developed in 1951 by the GSKB (State Special-Design Bureau) for Tea.

In 1952, the GSKB for Tea developed the ChU-1.5 tractor-drawn tea-picking machine with a 1,400-millimeter working width. Four ChU-1.5 tea-picking machines were produced for experimental purposes; two were tested and recommended for series production.

During 1952 and 1953, a self-propelled model of the ChU-1.5 tea-picker was developed.

The first series of 25 ChU-1.5 self-propelled tea-picking machines are now being produced. -- V. S. Podgorichani, Chief, Laboratory for Harvesting and Cultivating Subtropical Plants, GSKB for Tea.

DEVELOP NEW FRUIT AND VEGETABLE SLICER -- Tbilisi, Zarya Vostoka, 30 Oct 53

A kolkhoz worker has designed a new machine which slices 8 tons of fruit or vegetables in 8 hours. The machine does the work of 100 workers.

The Tbilisi Agricultural-Machine-Building Plant built the first model of the machine. The Digonskaya Interrayon Machine-Repair Shop, together with the inventor, made the necessary improvements.

The Technical Council, Ministry of Agriculture and Procurement USSR, has approved the machine for series production.

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